

ABSTRACT OF THE DISCLOSURE

A wireless sensor system includes an array of wireless nodes, each wireless node including a wireless transceiver transmitting over the radio frequency (RF) and a processor. The array of wireless nodes is distributed over an area. In operation, the array of wireless node determines the presence of an object within the area by measuring the RF power between a neighboring pair of wireless nodes. In one embodiment, an object is present in the area when the RF power between a first wireless node and a second neighboring wireless node is less than a predetermined value.